

Software will allow easy plug-in for new applications

by *Francis L. Crumb, Information Directorate*

ROME, N.Y. — The Air Force Research Laboratory Information Directorate has awarded a \$2,183,100 contract to Rockwell Science Center of Thousand Oaks, Calif., for development of technology for advanced sensor networks.

The three-year agreement is being funded by the Defense Advanced Research Projects Agency of Arlington, Va.

“Rockwell Science Center researchers will develop a distributed runtime middleware environment for microsensor networks that incorporates domain-specific services,

communication abstractions, and application program interfaces to allow easy ‘plugging in’ of new applications, users, and systems,” said Jon B. Valente, program manager in the directorate’s Information Grid Division.

“This software would allow applications to interact with sensor networks,” Valente said. “For example, soldiers passing through a sensor network with handheld wireless computers would be able to interact with the network to gather intelligence information.” @